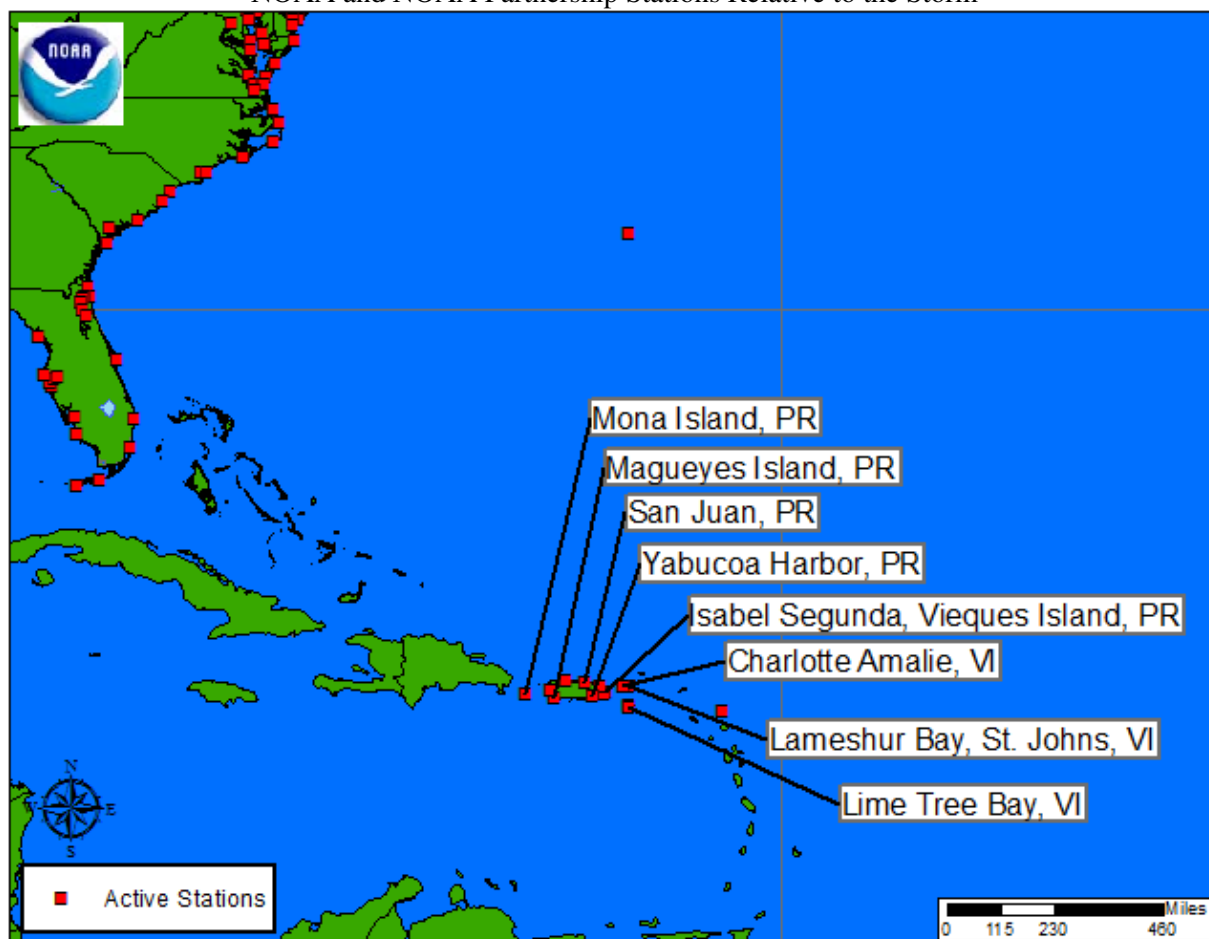




Tropical Storm BERTHA QuickLook
Posted: 23:00 AST 08/02/2014

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.

As of 08/02/2014 23:00 AST, water levels across the U.S. Virgin Islands and Puerto Rico continue to remain slightly elevated, up to 0.5 feet above tidal predictions. Wind speeds are decreasing across the region and are generally 20 knots or less. Barometric pressure has begun to rise over much of the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

Tropical Storm BERTHA QuickLook, POSTED 23:00 AST 08/02/2014

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BERTHA ADVISORY NUMBER 9

1100 PM AST SAT AUG 02 2014

...BERTHA REMAINS DISORGANIZED...

...EXPECTED TO MOVE NEAR THE TURKS AND CAICOS AND SOUTHEASTERN BAHAMAS ON SUNDAY...

WATCHES AND WARNINGS

THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED FOR PUERTO RICO...
VIEQUES...AND CULEBRA.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM AST THE CENTER OF TROPICAL STORM BERTHA WAS LOCATED ABOUT 70 MI ESE OF PUERTO PLATA DOMINICAN REPUBLIC OR ABOUT 165 MI SE OF GRAND TURK ISLAND. BERTHA IS MOVING TOWARD THE NORTHWEST NEAR 22 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE TONIGHT AND SUNDAY. A TURN TOWARD THE NORTH-NORTHWEST AND THEN TOWARD THE NORTH IS EXPECTED SUNDAY NIGHT AND EARLY MONDAY. ON THE FORECAST TRACK...THE CENTER OF BERTHA WILL MOVE AWAY FROM THE NORTHEASTERN COAST OF THE DOMINICAN REPUBLIC TONIGHT...MOVE NEAR OR OVER THE SOUTHEASTERN BAHAMAS AND TURKS AND CAICOS ISLANDS ON SUNDAY...AND MOVE EAST OF THE CENTRAL BAHAMAS LATE SUNDAY.

MAXIMUM SUSTAINED REMAIN NEAR 45 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS EXPECTED TONIGHT AND SUNDAY...WITH SOME STRENGTHENING POSSIBLE BY MONDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 160 MILES MAINLY TO THE NORTHEAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1010 MB.

HAZARDS AFFECTING LAND

RAINFALL...ADDITIONAL RAINFALL AMOUNTS OF UP TO 1 INCH ARE POSSIBLE ACROSS PUERTO RICO THROUGH TONIGHT.

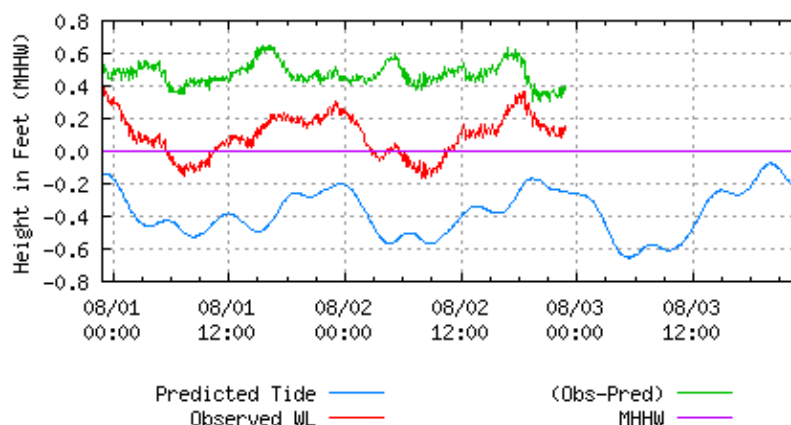
FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Mona Island - Water Level](#), [Mona Island - Barometric](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [San Juan - Water Level](#), [San Juan - Winds](#), [San Juan - Barometric](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [Isabel Segunda, Vieques Island - Water Level](#), [Isabel Segunda, Vieques Island - Winds](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Lime Tree Bay - Water Level](#), [Lameshur Bay, St John - Water Level](#)

Tropical Storm BERTHA QuickLook, POSTED 23:00 AST 08/02/2014

NOAA/NOS/CO-OPS 9759938 Mona Island, PR
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



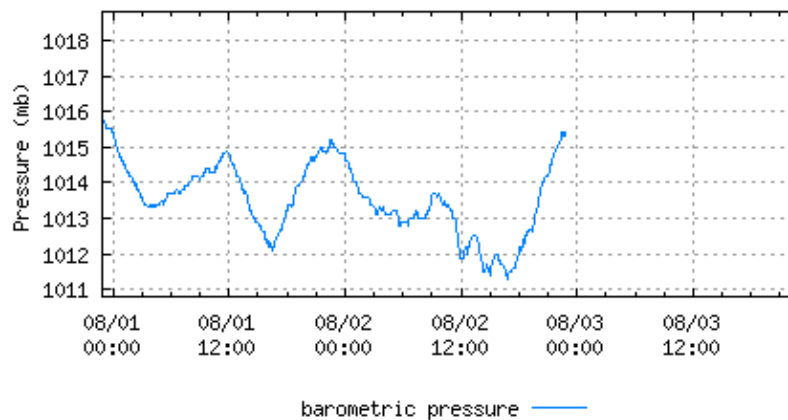
Last Observed Sample: 08/02/2014 22:48 (AST). Data relative to MHHW

Observed: 0.13 ft. Predicted: -0.25 ft. Residual: 0.38 ft.

Historical Maximum Water Level: Dec 23 2010, 1.26 ft.

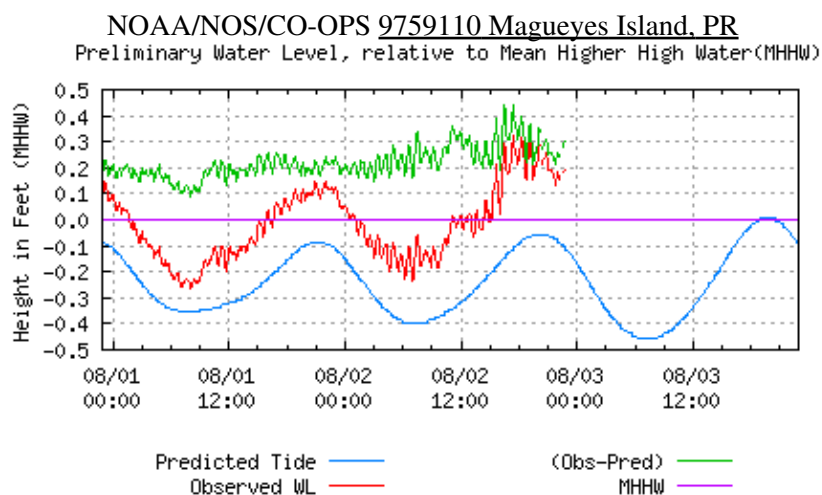
Next High Tide: 08/03/2014 20:02 (AST), -0.08 ft.

NOAA/NOS/CO-OPS 9759938 Mona Island, PR
Barometric Pressure



Last Observed Sample: 08/02/2014 22:48 (AST)

Barometric Pressure: 1015.3 mb

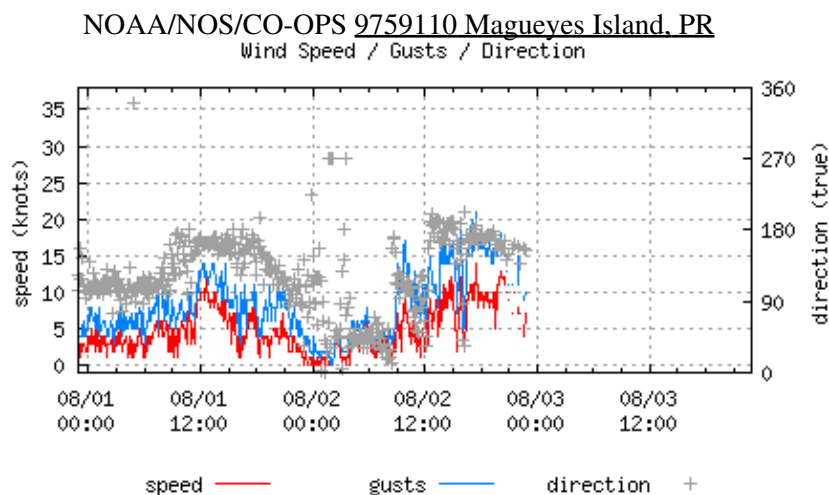


Last Observed Sample: 08/02/2014 22:42 (AST). Data relative to MHHW

Observed: 0.19 ft. Predicted: -0.11 ft. Residual: 0.30 ft.

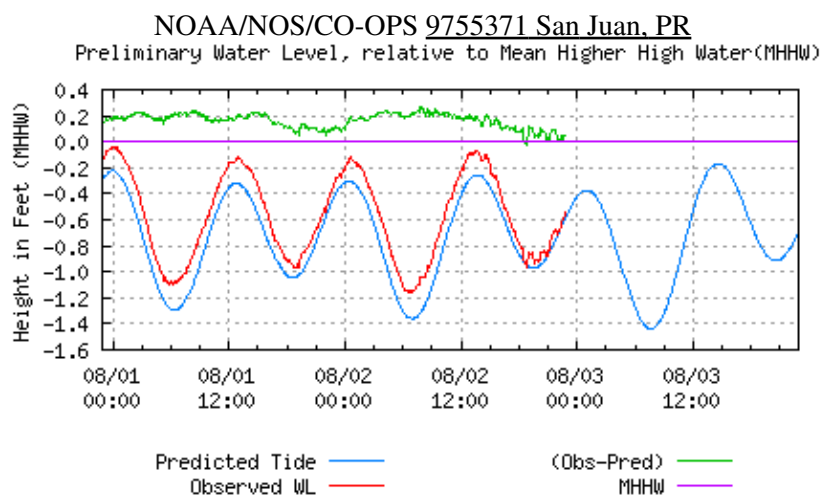
Historical Maximum Water Level: Sep 22 1998, 1.60 ft.

Next High Tide: 08/03/2014 19:44 (AST), 0.00 ft.



Last Observed Sample: 08/02/2014 22:42 (AST)

Wind Speed: 7 knots Gusts: 10 knots Direction: 155° T

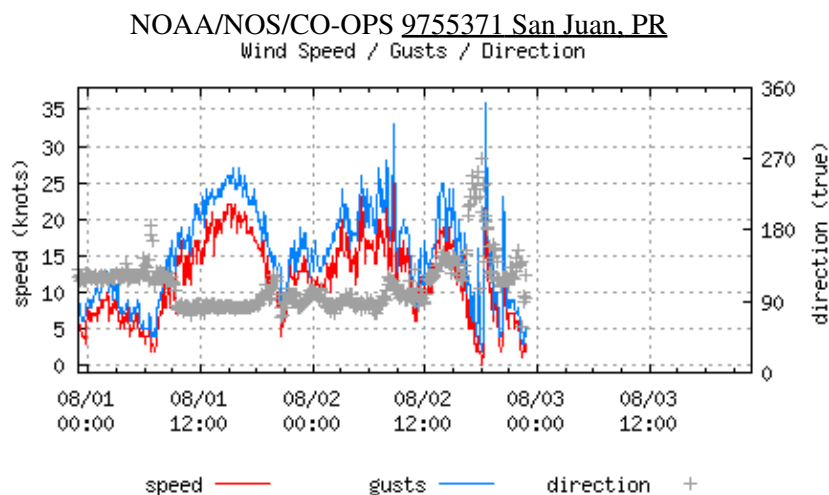


Last Observed Sample: 08/02/2014 22:54 (AST). Data relative to MHHW

Observed: -0.53 ft. Predicted: -0.56 ft. Residual: 0.03 ft.

Historical Maximum Water Level: Sep 18 1989, 2.77 ft.

Next High Tide: 08/03/2014 01:00 (AST), -0.37 ft.

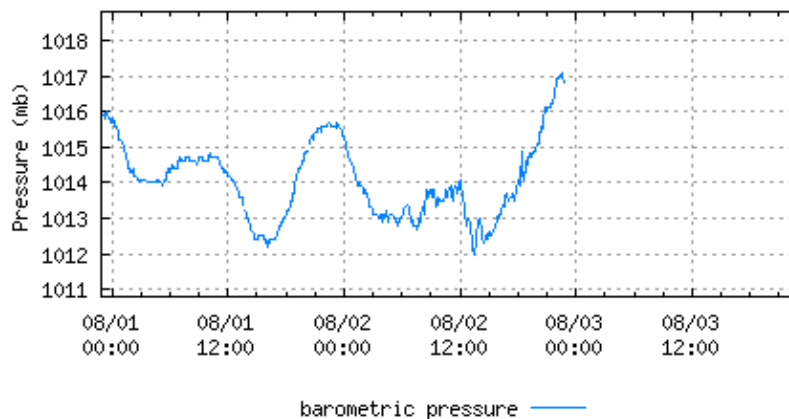


Last Observed Sample: 08/02/2014 22:54 (AST)

Wind Speed: 4 knots Gusts: 5 knots Direction: 121° T

NOAA/NOS/CO-OPS 9755371 San Juan, PR

Barometric Pressure

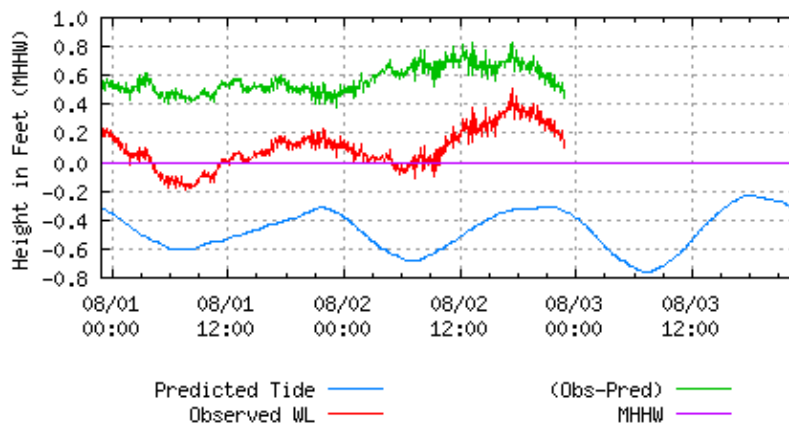


Last Observed Sample: 08/02/2014 22:54 (AST)

Barometric Pressure: 1016.7 mb

NOAA/NOS/CO-OPS 9754228 Yabucoa Harbor, PR

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/02/2014 22:54 (AST). Data relative to MHHW

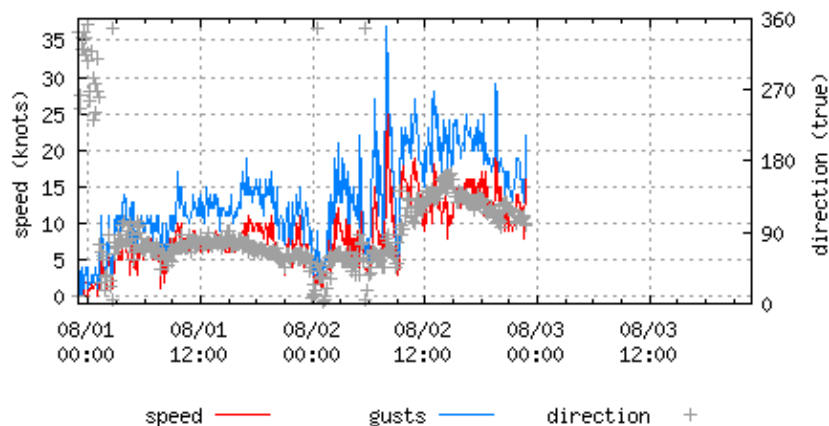
Observed: 0.25 ft. Predicted: -0.35 ft. Residual: 0.60 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/03/2014 17:55 (AST), -0.24 ft.

NOAA/NOS/CO-OPS 9754228 Yabucoa Harbor, PR

Wind Speed / Gusts / Direction

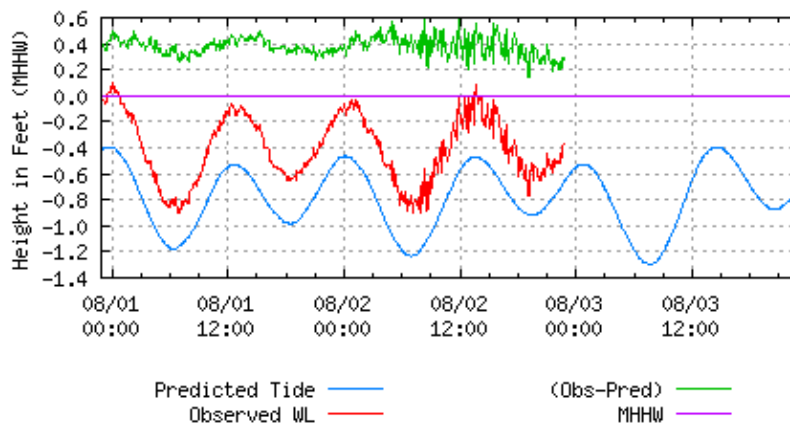


Last Observed Sample: 08/02/2014 22:54 (AST)

Wind Speed: 19 knots Gusts: 22 knots Direction: 98° T

NOAA/NOS/CO-OPS 9752619 Isabel Segunda, Vieques Island, PR

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/02/2014 22:54 (AST). Data relative to MHHW

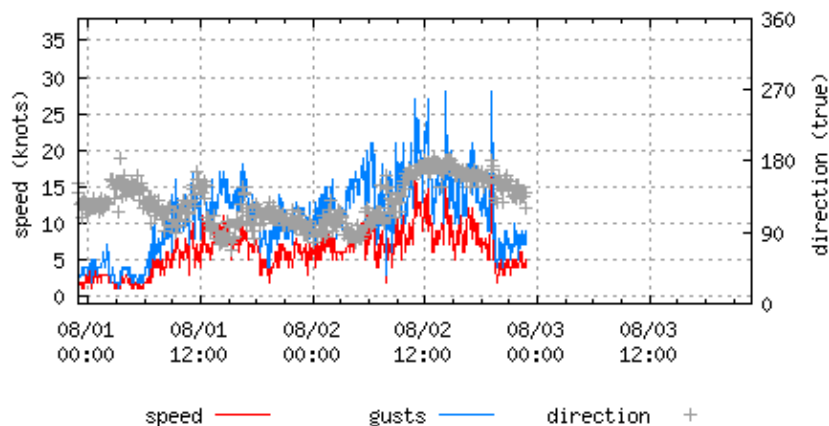
Observed: -0.33 ft. Predicted: -0.65 ft. Residual: 0.32 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/03/2014 00:44 (AST), -0.52 ft.

NOAA/NOS/CO-OPS 9752619 Isabel Segunda, Vieques Island, PR

Wind Speed / Gusts / Direction

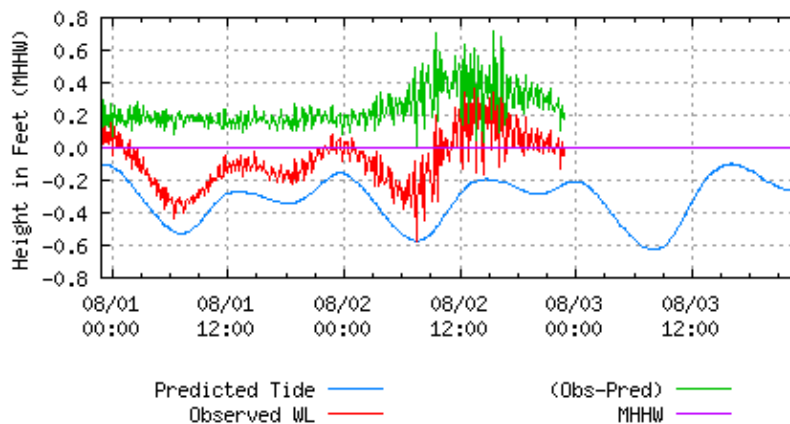


Last Observed Sample: 08/02/2014 22:54 (AST)

Wind Speed: 6 knots Gusts: 11 knots Direction: 142° T

NOAA/NOS/CO-OPS 9751639 Charlotte Amalie, VI

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/02/2014 22:48 (AST). Data relative to MHHW

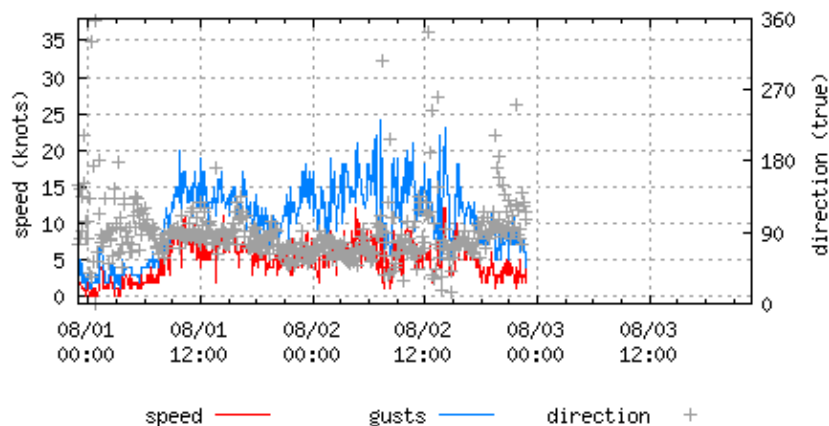
Observed: -0.02 ft. Predicted: -0.23 ft. Residual: 0.21 ft.

Historical Maximum Water Level: Sep 16 1995, 2.93 ft.

Next High Tide: 08/02/2014 23:54 (AST), -0.21 ft.

NOAA/NOS/CO-OPS 9751639 Charlotte Amalie, VI

Wind Speed / Gusts / Direction

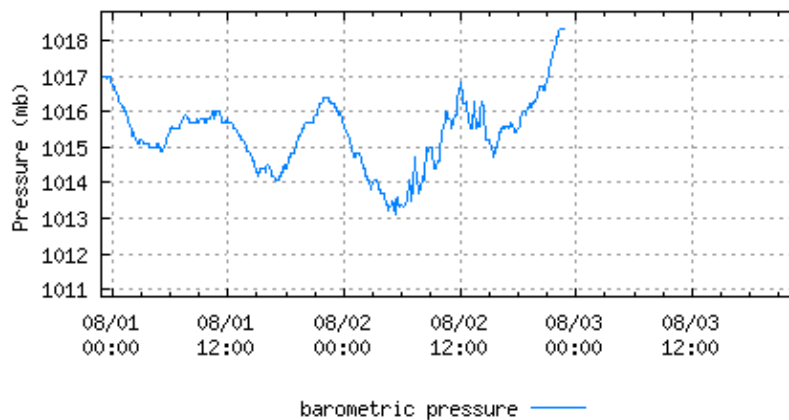


Last Observed Sample: 08/02/2014 22:48 (AST)

Wind Speed: 4 knots Gusts: 4 knots Direction: 106° T

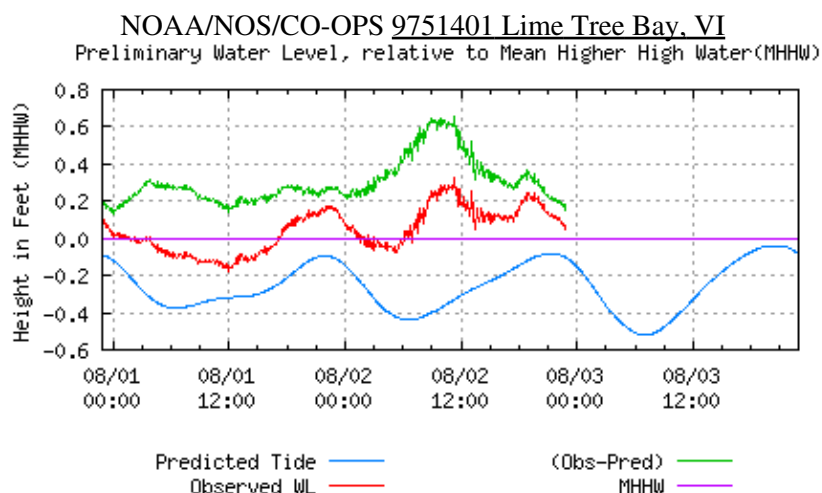
NOAA/NOS/CO-OPS 9751639 Charlotte Amalie, VI

Barometric Pressure



Last Observed Sample: 08/02/2014 22:48 (AST)

Barometric Pressure: 1018.3 mb

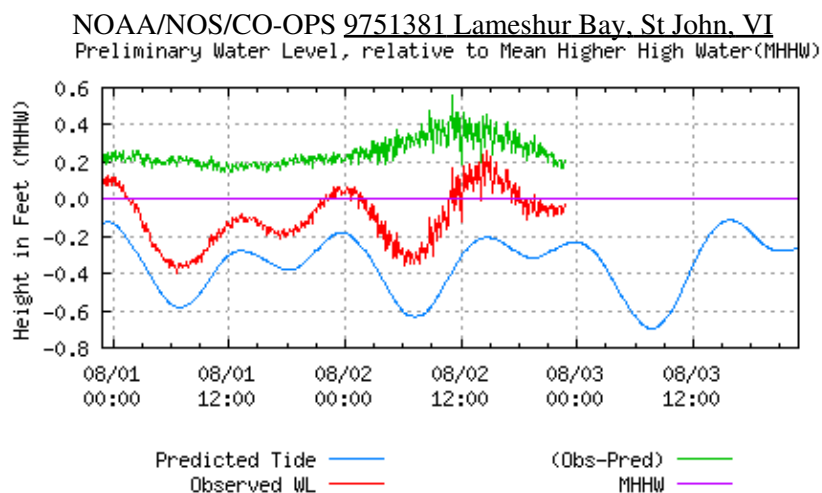


Last Observed Sample: 08/02/2014 22:48 (AST). Data relative to MHHW

Observed: 0.07 ft. Predicted: -0.11 ft. Residual: 0.18 ft.

Historical Maximum Water Level: Nov 17 1999, 1.88 ft.

Next High Tide: 08/03/2014 20:30 (AST), -0.04 ft.



Last Observed Sample: 08/02/2014 22:54 (AST). Data relative to MHHW

Observed: -0.05 ft. Predicted: -0.24 ft. Residual: 0.19 ft.

Historical Maximum Water Level: Aug 30 2010, 0.89 ft.

Next High Tide: 08/02/2014 23:47 (AST), -0.23 ft.

Tropical Storm BERTHA QuickLook, POSTED 23:00 AST 08/02/2014

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
9759938	Mona Island, PR	08/02/2014 22:48 (AST)	0.13 ft	-0.25 ft	0.38 ft	0.36 ft
9759110	Magueyes Island, PR	08/02/2014 22:42 (AST)	0.19 ft	-0.11 ft	0.30 ft	0.32 ft
9755371	San Juan, PR	08/02/2014 22:54 (AST)	-0.53 ft	-0.56 ft	0.03 ft	-0.06 ft
9754228	Yabucoa Harbor, PR	08/02/2014 22:54 (AST)	0.25 ft	-0.35 ft	0.60 ft	0.50 ft
9752619	Isabel Segunda, Vieques Island, PR	08/02/2014 22:54 (AST)	-0.33 ft	-0.65 ft	0.32 ft	0.08 ft
9751639	Charlotte Amalie, VI	08/02/2014 22:48 (AST)	-0.02 ft	-0.23 ft	0.21 ft	0.52 ft
9751401	Lime Tree Bay, VI	08/02/2014 22:48 (AST)	0.07 ft	-0.11 ft	0.18 ft	0.33 ft
9751381	Lameshur Bay, St John, VI	08/02/2014 22:54 (AST)	-0.05 ft	-0.24 ft	0.19 ft	0.26 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce